

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/601432

INTERNATIONAL APPLICATION NO.
PCT/US99/02294INTERNATIONAL FILING DATE
(02.02.99)
02 February 1999PRIORITY DATE CLAIMED
(02.02.98)
02 February 1998

TITLE OF INVENTION:

METHOD OF REGULATING GLUCOSE METABOLISM, AND REAGENTS RELATED THERETO

APPLICANT(S) FOR DO/EO/US

BACHOVCHIN, William; PLAUT, Andrew, and DRUCKER, Daniel

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. (X) This is the FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. () This a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. (X) This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).
4. (X) A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. (X) A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. () is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. () has been transmitted by the International Bureau.
 - c. (X) is not required, as the application was filed in the United States Receiving Office (RO/US).
6. () A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
 - a. () are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. () has been transmitted by the International Bureau.
 - c. () have not been made; however, the time limit for making such amendments has NOT expired.
 - d. (X) have not been made and will not be made.
8. () A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. (X) An unexecuted oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. () A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. () An information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. () An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. () A FIRST preliminary amendment.
() A SECOND or SUBSEQUENT preliminary amendment.
14. () A substitute specification.
15. () A change of power of attorney and/or address letter.
16. () Other items of information.
 - () Sheets of Figures as originally filed
 - () Sheets of Figures as translated in English
 - () Copy of PCT Request Form.
 - () Copy of Cover Sheet of International Publication No. 99/13077.
 - () Copy of International Preliminary Examination.
 - () Copy of International Search Report.
 - () Copy of Form PCT/IB/308 (Notice Informing Applicant of the Communication of the International Application to the Designated Offices)

Certificate of Express Mail

I hereby certify that the foregoing documents are being deposited with the United States Postal Service as Express Mail, postage prepaid, "Post Office to Addressee", in an envelope addressed to the Assistant Commissioner for Patents, Box PCT, Attn: DO/EO/US, Washington, D.C. 20231 on the date indicated below.

C. E. Coker
Eugene Coker
Express Mail Label: EL 046636592 US
Date of Deposit: August 1, 2000

- () Copy of Form PCT/IB/332 (Information Concerning Elected Offices Notified of Their Election).

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 09/60143		INTERNATIONAL APPLICATION NO. PCT/US99/02294		ATTORNEY'S DOCKET NUMBER TUV-006.01	
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17. (x) The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO \$910.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) \$700.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$770.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1040.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$96.00 <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>				CALCULATIONS PTO USE ONLY	
				\$840.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				() 20 () 30 \$0	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	100 - 20 =	80	X \$18.00	\$1440.00	
Independent claims	7 - 3 =	4	X \$78.00	\$312.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$260.00	\$260.00	
TOTAL OF ABOVE CALCULATIONS =				\$2852.00	
Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).				\$	
SUBTOTAL =				\$2852.00	
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).				() 20 () 30 \$0	
TOTAL NATIONAL FEE =				\$2852.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				\$	
TOTAL FEES ENCLOSED =				\$2852.00	
				Amount to be:	\$
				refunded	
				charged	\$

a. (X) A check in the amount of \$2852.00 to cover the above fees is enclosed.

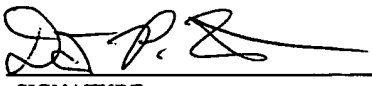
b. () Please charge my Deposit Account No 06-1448 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1448, Ref. TUV-006.01. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Patent Group
 Foley, Hoag & Eliot LLP
 One Post Office Square
 Boston, MA 02109-2170


 SIGNATURE

 David P. Halstead
 REGISTRATION NO. 44,735